

Title (en)  
BATTERY HAVING INDUCTIVE CELL BALANCING

Title (de)  
BATTERIE MIT INDUKTIVEM CELL-BALANCING

Title (fr)  
BATTERIE À ÉQUILIBRAGE INDUCTIF DES CELLULES

Publication  
**EP 2532042 A1 20121212 (DE)**

Application  
**EP 10800926 A 20101221**

Priority  
• DE 102010001423 A 20100201  
• EP 2010070368 W 20101221

Abstract (en)  
[origin: WO2011091919A1] The invention relates to a battery, comprising a plurality of battery cells (10-1, 10-2) connected in series between a positive output terminal and a negative output terminal, each of the battery cells (10-1, 10-2) having a positive pole and a negative pole, and at least one coil (11), a first switch (12-1) and a second switch (12-2). The first switch (12-1) is connected in series to the coil (11) and designed to switch the coil (11) between the positive pole and the negative pole of a first battery cell (10-1) in response to a first control signal generated by a controller. The second switch (12-2) has a first end connected to a contact point between the first switch (12-1) and the coil (11) and a second end connected to the negative pole of a second battery cell (10-2) and is designed to connect the contact point to the negative pole of the second battery cell (10-2) in response to a second control signal generated by the controller.

IPC 8 full level  
**H01M 10/42** (2006.01); **H01M 10/44** (2006.01); **H02J 7/00** (2006.01)

CPC (source: EP)  
**H01M 10/425** (2013.01); **H01M 10/44** (2013.01); **H02J 7/0016** (2013.01); **Y02E 60/10** (2013.01); **Y02T 10/70** (2013.01)

Citation (search report)  
See references of WO 2011091919A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102010001423 A1 20110804**; EP 2532042 A1 20121212; EP 2532042 B1 20160511; ES 2586508 T3 20161014;  
WO 2011091919 A1 20110804

DOCDB simple family (application)  
**DE 102010001423 A 20100201**; EP 10800926 A 20101221; EP 2010070368 W 20101221; ES 10800926 T 20101221